

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled)
2. (Currently Amended) ~~The half-spread folding door as set forth in claim 1, wherein the spread confining means is comprised of~~ A half spread folding door comprising:  
plural door leaves having a predetermined width and length;  
door frames supporting each door leaf on both side ends thereof;  
a first hinge comprising:  
a hinge shaft, a first hinge cylinder and a second hinge cylinder, for connecting successively each door leaf with adjacent door leaves along its width direction;  
a pair of hinges, each mounted lengthwise in side ends of each door leaf;  
wherein the [[a]] first hinge cylinder is established at one side end of the door leaf and enabling the hinge shaft to go through, and having a first notch at a lower portion of the first hinge cylinder, the first notch having a form of a cut-off in a predetermined angle around an axis of the first hinge cylinder; and  
wherein the [[a]] second hinge cylinder is established at an adjacent side end of the adjacent door leaf to the door leaf and enabling the hinge shaft to go through, and having a second notch at an upper portion of the second hinge cylinder, the second notch having a form of a cut-off in a predetermined angle around an axis of the second hinge cylinder, the angle being the same as one of the first notch, but overlapping in only certain value;  
plural second hinges mounted lengthwise in the middle of the door leaf, allowing each door leaf to be rotated around the hinge shaft correlatively, and for folding each door leaf toward alternative dead end of the door leaves sequentially; and  
a stopper attached on a circumference of the hinge shaft to nest in the overlap portion, restricting the rotation of each door leaf coupled with the hinge shaft.
- 3.-4. (Canceled)
5. (Currently Amended) ~~The half-spread folding door as set forth in claim 1, wherein the spread confining means is comprised of~~ A half spread folding door comprising:  
plural door leaves having a predetermined width and length;

door frames supporting each door leaf on both side ends thereof;

a first hinge for connecting successively each door leaf with adjacent door leaves along its width direction, wherein the first hinge means comprises a pair of hinges, each mounted lengthwise in side ends of each door leaf;

plural second hinges mounted lengthwise in the middle of each door leaf, allowing each door leaf to be rotated around a hinge shaft correlatively, and for folding each door leaf toward alternative dead end of the door leaves sequentially; and

a sheet which connects with each end of the door leaves coupled with the hinge shaft, all connected ends facing toward at least one side of the folding door.

6. (Original) The half spread folding door as set forth in claim 5, wherein the sheet is configured as the form of a single body that connects all ends of successive coupled door leaves.

7. (Original) The half spread folding door as set forth in claim 6, wherein the sheet is made by high tensile synthetic waterproof material.

8. (Currently Amended) ~~The half spread folding door as set forth in claim 1~~ A half spread folding door comprising:

plural door leaves having a predetermined width and length;

door frames supporting each door leaf on both side ends thereof;

a first hinge for connecting successively each door leaf with adjacent door leaves along its width direction, wherein the first hinge comprises a pair of hinges, each mounted lengthwise in side ends of each door leaf;

plural second hinges mounted lengthwise in the middle of each door leaf, allowing each door leaf to be rotated around a hinge shaft correlatively, and for folding each door leaf toward alternative dead end of the door leaves sequentially; and

a spread confining means for limiting a spread range of each door leaf in a predetermined angle to configure as the form of zigzag when the door leaves are spread, wherein the spread confining means is comprised of a sheet which connects with each end of the door leaves coupled with the hinge shaft, all connected ends facing toward the outside of the folding door; and a flexible wire or rope having a predetermined length which connects with each end of the door leaves coupled with the hinge shaft, all connected ends facing toward the inside of the folding door.

9. (Original) The half spread folding door as set forth in claim 8, wherein the sheet is configured as the form of a single body that connects all ends of successive coupled door leaves and is made by high tensile synthetic waterproof material.